

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,999,690 B2  
APPLICATION NO. : 10/617024  
DATED : February 14, 2006  
INVENTOR(S) : Yasunari Watanabe et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 4:

Line 42, "cylinder" should read --cylinder (conductive drum substrate) 1a.--;  
Line 44, "(Conductive Drum Substrate) 1a." should be deleted.

COLUMN 5:

Line 1, "an" should read --a--;  
Line 2, "roller," should read --roller, and the surface layer 2d is a protection layer provided for preventing a leak from occurring even if a flaw such as a pinhole exists on the photosensitive drum 1. To be more specific, specifications of the charging roller--;  
Line 10, "The" should read --¶The--; and  
Line 15, "Surface" should read --¶Surface--.

COLUMN 7:

Line 15, "rum 1" should read --drum 1--;  
Line 26, "copy)" should read --copy).--; and  
Line 53, "work." should read --work. Further, this cleanerless system has a merit in terms of downsizing the image forming apparatus. According to this embodiment, the transfer residual toner on the surface of the photosensitive drum 1 after being the transferred, is conveyed to the developing portion "c" via the charging portion "a" and the exposing portion "b" as the photosensitive drum 1 subsequently rotates, and is cleaned (collected) simultaneously with developing by the developing device 4.--.

COLUMN 8:

Line 26, "charging" should read --improper charging--; and  
Line 27, "improper" should be deleted.

COLUMN 9:

Line 37, "start" should read --starts--; and  
Line 41, "let a" should read --let  $\alpha$ --.

COLUMN 11:

Line 34, "developing the" should read --developing--; and  
Line 57, "+300" should read --+300V--.

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COLUMN 14:

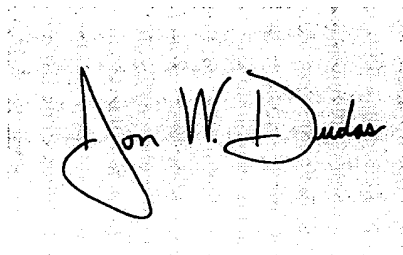
Line 15, "sold-state" should read --solid-state--.

COLUMN 16:

Line 4, "OV." should read --0V.--; and  
Line 25, "OV." should read --0V.--.

Signed and Sealed this

Twenty-ninth Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas", is written over a light gray rectangular background.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*